

Fast Ethernet Media Converter 100Base-FX /TX

MICROSENS

The MICROSENS Fast Ethernet media converter allows the direct connection of twisted pair to fiber segments in an Fast Ethernet network.

Due to the direct coupling it is possible to extend existing twisted pair cables over the limit of 100 m.

The converter supports half, as well as full duplex connections. In full duplex mode distances of up to 2 km can be covered using multi-mode fiber. Using single mode fiber together with the full duplex mode distances up to 125 km can be realised.

The link status is forwarded by the converter („Link Through“), that means in case of a missing link on the fiber side there is no link generated on the copper side.

Colour coded LEDs give status information about the converter and can be used for network diagnostics.

The converter is also available as an insertion module for the mounting into the modular 19" media converter system.



Technical Specifications

Type	Fast Ethernet Converter 100Base-TX / 100Base-FX
Connectors	1 x RJ45 connector 2 x SC/ST connector
Fiber type	Multimode fiber, duplex, 50 or 62.5/125 μm , Single Mode fiber 9/125 μm , ST- or SC-connector
Cable type	Shielded Twisted Pair cable, Cat. 5, 100 Ω
LED displays	Power, FX-Link, FX-Receive, TX-Link, TX-Receive, Fail

Order Information

Part-no.	Description	Connectors
MS410640	Fast Ethernet Converter Multimode 1300 nm	1 x RJ45 2 x SC
MS410641	Fast Ethernet Converter Multimode 1300 nm	1 x RJ45 2 x ST
MS410644	Fast Ethernet Converter Single Mode 1300 nm Laser, max. 15 km	1 x RJ45 2 x SC
MS410646	Fast Ethernet Converter Single Mode 1300 nm Laser, max. 40 km	1 x RJ45 2 x SC